

PERMIT APPLICATION: NRS #04-436

APPLICANT: Scott Smith (S&E Properties)
405 Montbrook Avenue
Knoxville, TN 37919
(865) 539-1112

LOCATION: Project is located near the junction of Dutchtown Road and Lexington Drive in Knoxville; Knox County.

WATERSHED DESCRIPTION: Surrounding land use is commercial. The area in this vicinity of Lovell Road is undergoing both significant commercial and residential development. Two unnamed tributaries to Turkey Creek course the site. The northern tributary bisects the northern tract. It is a hydrological source for Wetland #2. It has a consistent low flow. It lacks a defined channel east of the wetland area and to the west is very shallow. The riparian area is dominated by herbaceous vegetation with limited saplings of black willow, red maple and box-elder. The southern stream is similar in nature with accumulated silt deposits and indiscernible channel. Two wetland areas exist onsite. Wetland #1 is 0.058 acres and wetland #2 is 0.232 acres. The wetland vegetative communities are black willow/cattail/nutsedge and black willow/ ash.

PROJECT DESCRIPTION: The applicant proposes to construct commercial facilities on this site that will require the relocation of approximately 280 linear feet of the southern stream channel. Approximately 0.29 acres of jurisdictional wetland will be filled. The northern stream will be maintained with a 10-foot buffer on both sides of the channel. Compensatory mitigation for the loss of stream resource values will be accomplished with the relocation of the southern stream to the western margin of the property. Compensatory wetland mitigation shall occur with the debit/ purchase of 0.58 credits/acres from the Turkey Creek Wetland Mitigation Site administered by the Izaak Walton League of Tennessee. This site is located downstream adjacent to Turkey Creek, south side of the Lovell Road and I-40 Interchange and west of Lovell Road.

PERMIT COORDINATOR: Mike Lee

TOPOGRAPHICAL QUADRANGLE: Lovell 138- NW

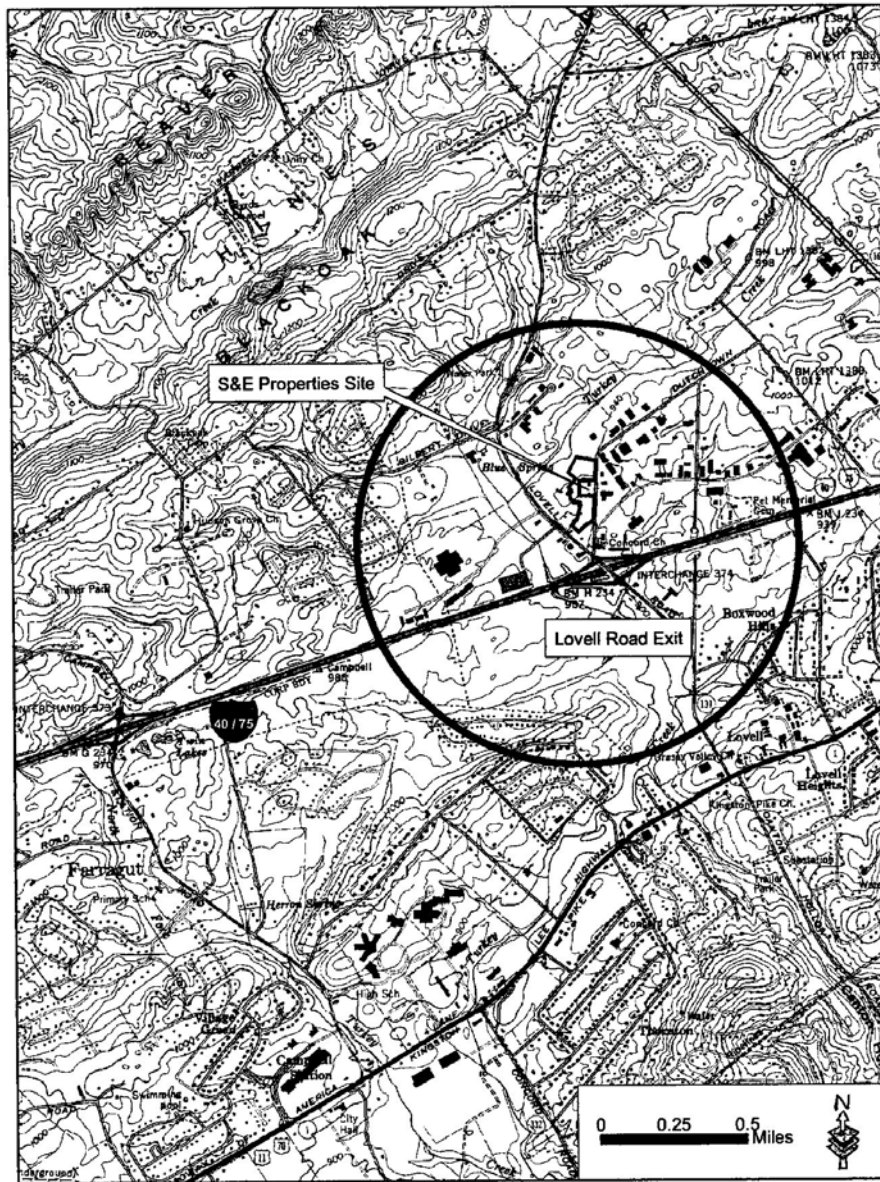
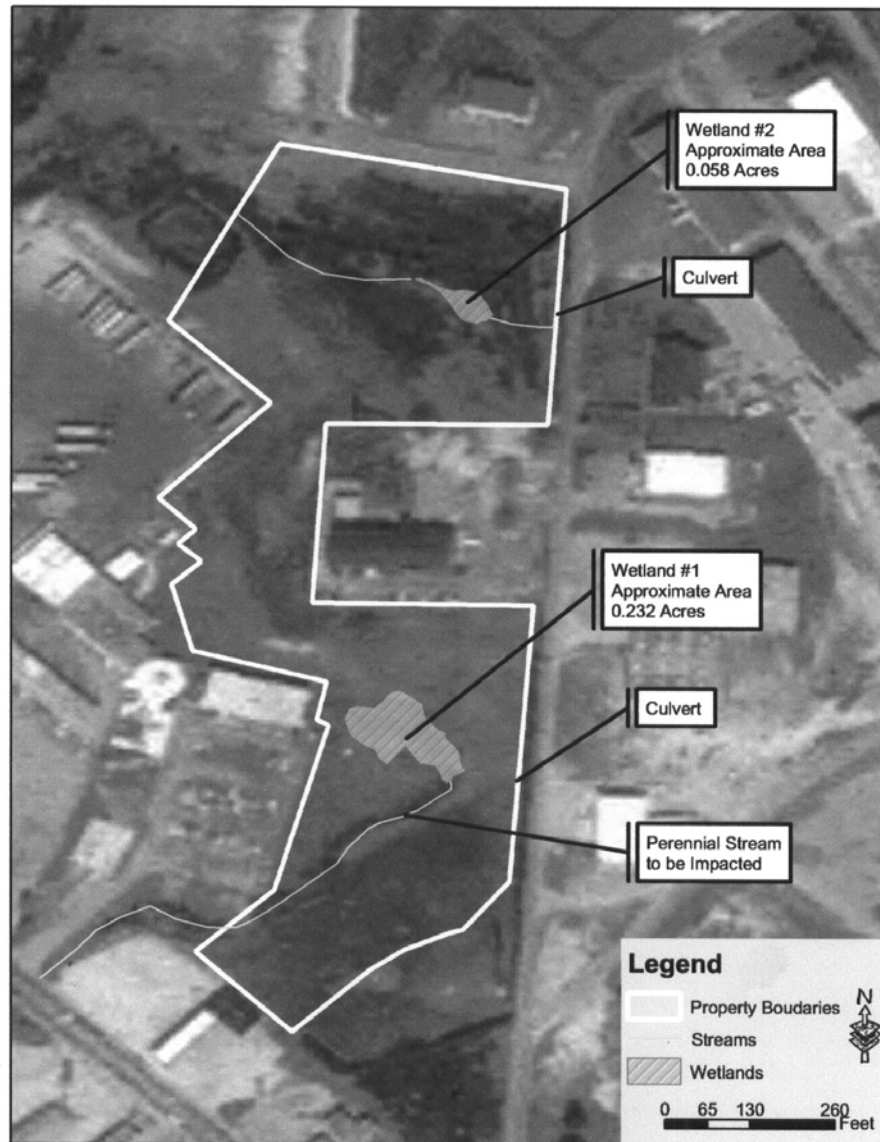
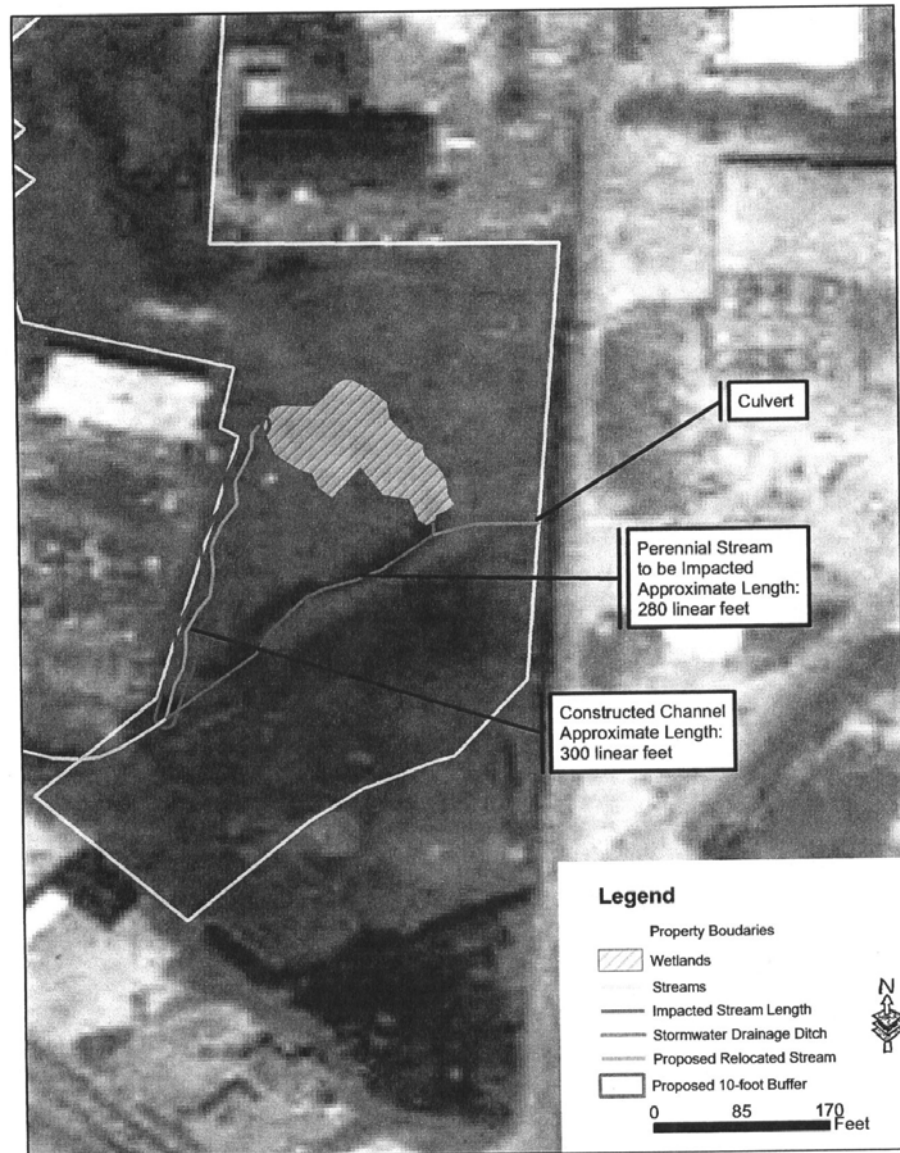


Figure 1. Location of S&E Properties site on Dutchtown Road in western Knox County, Tennessee.



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Figure 2. Location of proposed impacts to a stream and wetlands at S&E Properties site in Knox County, Tennessee.



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Figure 5. Location of existing stream and proposed relocation routing at S&E Properties site in Knox County, Tennessee.